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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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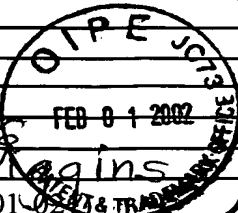
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Complete if Known

Application Number	09/939,149
Filing Date	08/24/2001
First Named Inventor	Paul Mansky
Group Art Unit	1754-2856
Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-02-04)

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JDW		"DMA 2980 Dynamic Mechanical Analyer," http://www.tainst.com/dma2.html , 12/29/00	
JDW		"Introducing the NEW DMTA V!", http://www.rheometricsscintific.com/dmtaV.htm , 12/29/00	
JDW		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
JDW		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
JDW		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
JDW		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
JDW		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
JDW		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
JDW		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
JDW		European Search Report dated December 10, 2001	

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Signature

David Wiggins

Date
Considered

02/04/2003

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PTO/SB/08B (10-96)
 App. for use through 10/31/99. OMB 0651-0031
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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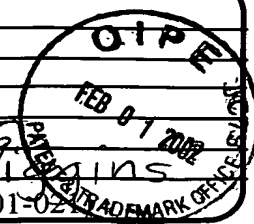
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 0

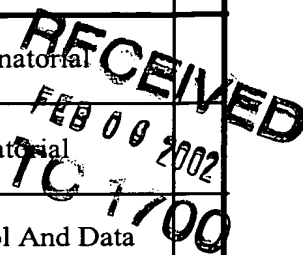
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Attorney Docket Number	1012-119(2001-02)



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JDW		U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
JDW		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
JDW		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
JDW		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
JDW		U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
JDW		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
JDW		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
JDW		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
JDW		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
JDW		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3

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Application Number	09/939,149
Filing Date	08/24/2001
First Named Inventor	Paul Mansky
Group Art Unit	1754 2856 FEB 4 2002
Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-02-12)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)				
JDW		1,870,412		Kennedy, H.	08/09/1932	073	54.01
JDW		3,071,961		Heigl et al., J.	01/08/1963	073	54.08
JDW		3,675,475		Weinstein, W.	07/11/1972	073	089
JDW		3,713,328		Aritomi, C.	01/30/1973	073	54.08
JDW		3,798,960		Glass, J.	03/26/1974	073	54.05
JDW		3,805,598		Corcoran, E.	04/23/1974	073	081
JDW		3,818,751		Karper et al., F.	06/25/1974	073	788
JDW		3,849,874		Jeffers, F.	11/26/1974	029	590
JDW		3,895,513		Richardson, C.	07/22/1975	073	54.07
JDW		3,908,441		Virloget, J.	09/30/1975	073	54.08
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JDW		4,229,979		Greenwood, J.	10/28/1980	073	781
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JDW		4,517,830		Gunn, deceased et al., D.	05/21/1985	073	54.15
JDW		4,567,774		Manahan et al., M.	02/04/1986	073	700
JDW		4,570,478		Soong, D.	02/18/1986	073	700
JDW		4,599,219		Cooper et al., D.	07/08/1986	422	700
JDW		4,602,501		Hirata, K.	07/29/1986	073	54.01
JDW		4,680,958		Ruelle et al., J.	07/21/1987	073	54.07
JDW		4,685,328		Huebner et al., H.	08/11/1987	073	54.15

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴ Kind Code ⁵ (if known)				
JDW			JP402297040A	Akaha Toru	12/07/1990		
JDW			WO 96/11878	The Reg. of the Univ. of	04/25/1996		
JDW			WO 00/51720	Symyx Technologies, Inc.	09/08/2000		
JDW			WO 00/17413	Symyx Technologies	03/30/2000		
JDW			WO 01/79949 A2	Symyx Technologies, Inc.	10/25/2001		
JDW			WO 98/15501	Symyx Technologies, Inc.	04/16/1998		
JDW			WO 99/18431	Symyx Technologies, Inc.	04/15/1999		
JDW			EP 0 317 356 A2	Chichibu Cement Kabushiki	05/24/1989		

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Passages or Relevant Figures Appear	class
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David S. Weissins

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known <table border="1"> <tr> <td>Application Number</td> <td>09/939,149</td> </tr> <tr> <td>Filing Date</td> <td>08/24/2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Paul Mansky</td> </tr> <tr> <td>Group Art Unit</td> <td>17542856</td> </tr> <tr> <td>Examiner Name</td> <td>David Wiggins</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1012-119(2001-02)</td> </tr> </table>		Application Number	09/939,149	Filing Date	08/24/2001	First Named Inventor	Paul Mansky	Group Art Unit	17542856	Examiner Name	David Wiggins	Attorney Docket Number	1012-119(2001-02)
Application Number	09/939,149																
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Attorney Docket Number	1012-119(2001-02)																
Sheet	3	of	3														

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)			Class	Class
JDW		5,481,153		Turner	C.	01/02/1996	310 334
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JDW		5,626,779		Okada	H.	05/06/1997	219 201
JDW		5,699,159		Mason	P.	12/16/1997	356 351
JDW		5,700,953		Hlady et al.	V.	12/23/1997	073 105
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JDW		5,756,883		Forbes	D.	05/26/1998	073 54.05
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JDW		5,821,407		Sekiguchi et al.	K.	10/13/1998	073 9.628
JDW		6,306,658		Turner et al.	F.	10/23/2001	436 03.951
JDW		6,315,923		Devenney et al.	M.	11/13/2001	252 30.48
JDW		6,326,090		Schultz et al.	P.	12/04/2001	428 68.89
JDW		6,050,139		Bousfield et al.	D.	04/18/2000	073 150.10
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Examiner Signature	David L. Wiggins	Date Considered	02/04/03
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Application Number	09/939,149
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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)				
JDW		5,776,359		Schultz et al.	07/07/1998	252	62.51
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JDW			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
JDW			*WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
JDW			*WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
JDW			WO 00/23921		Symyx Technologies, Inc.	04/27/2000		

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Application Number	09/939,149
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First Named Inventor	Paul Manky
Group Art Unit	1754285679
Examiner Name	David Wigg
Attorney Docket Number	1012-119(2001-02)

Sheet 1 of 1

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		Number	Kind Code² (if known)			Class	Class
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JDW		6,248,540	B1	Weinberg et al.	06/19/2001	435	07.1
JDW		6,260,407	B1	Petro et al.	07/17/2001	073	61.52
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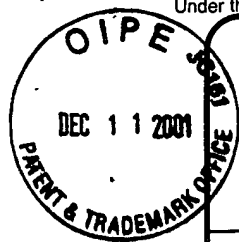
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Application Number	09/939,149
Filing Date	08/24/2001
First Named Inventor	Paul Manks
Group Art Unit	1754 28
Examiner Name	David
Attorney Docket Number	1012-119(2)

(use as many sheets as necessary)

Sheet 1 of 1

Attorney Docket Number 1012-119(2001-021)

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JDW		5,817,947		Bergerus, C.	10/06/1998	073	826
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JDW		5,532,942		Kitamura et al., H.	07/02/1996	364	555
JDW		5,520,042		Garritano et al., R.	05/28/1996	073	54.02
JDW		5,517,860		Lin et al., L.	05/21/1996	079	789
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JDW		5,437,192		Kawamoto et al., T.	08/01/1995	073	826
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JDW		5,269,190		Kramer et al., O.	12/14/1993	073	822
JDW		5,092,179		Ferguson, H.	03/03/1992	073	790
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JDW		4,715,007		Fujita et al., T.	12/22/1987	364	563
JDW		4,699,000		Lashmore et al., D.	10/13/1987	073	081
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Examiner
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David Wiggins

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 0

Complete if Known

Application Number 09/939,149
Filing Date 08/24/2001
First Named Inventor Paul Manksy
Group Art Unit 1754 2856 TC
Examiner Name David Wiggins
Attorney Docket Number 1012-119(2001-021)

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JDW		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
JDW		U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Manksy) filed on August 24, 2001.	
JDW		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
JDW		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.	
JDW		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.	
JDW		The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000	
JDW		*The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
JDW		U.S. Application Serial No. 09/801,165 entitled "Method and Apparatus for Characterizing Materials By Using a Mechanical Resonator" filed March 7, 2001	
JDW		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	
JDW		*PCT Application No. PCT/US01/11417 entitled "Automated Process Control And Data Management System And Methods", filed 4/6/2001	

Examiner Signature	David Wiggins	Date Considered	02/04/03
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JDW		*U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
JDW		*U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
JDW		*U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
JDW		*U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
JDW		*The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
JDW		*The family of applications for U.S. Application Serial No. 09/211,982 entitled "Parallel Reactor With Internal Sensing" (Turner et al.) filed December 14, 1998	
JDW		*U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
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JDW		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998	
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JDW		U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000	

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Sheet

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First Named Inventor	Paul Manksy
Group Art Unit	1754-2856
Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-021)

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JDW		*ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
JDW		YOUNG, W.C., Roark's Formulas for Stress and Strain, 1989	
JDW		*TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	
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JDW		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

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